

Wind Technology Today

Motivation for This Workshop

- Growing interest
- Islands & Coast
 - Where the wind is
 - Islands have special energy needs
 - Special environmental concerns
- Rapid changes
- Technology varies by scale

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Applications at Various Scales

- “Small – scale”
 - Home, farm & small business
- “Community – scale”
 - 50 kW – 4 MW, grid connected
- Hybrids
 - Not grid connected
- Offshore
 - Grid connected

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Applications at Various Scales

- “Small - scale” – Trudy Forsyth
National Renewable Energy Lab (NREL)
- “Community - scale” – Tony Rogers
Renewable Energy Research Lab (RERL) UMass Amherst
- Hybrids – Lawrence Mott
Northern Power Systems
- Offshore – Jim Manwell
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